

**ABSTRACT**

The present invention of the application provides a method for producing an antibody which comprises inoculating an expression vector expressing a fusion protein to an animal, and isolating and purifying an antibody against an antigenic protein from the animal, wherein the fusion protein is an antigenic protein fused to the C-terminal side of a transmembrane domain in which the N-terminal side is located in the cell and the C-terminal is out of the cell.

According to the present invention, an antibody against an antigenic protein, which it was difficult to produce in the so far known gene immunization, can be produced. The resulting an antibody is useful as drugs, diagnostic agents, and reagents for the research.